

Giovani Ohira

SOFTWARE ENGINEER

linkedin.com/in/giovaniohira
giovaniohira@gmail.com
Brazil

Software Engineer and SDET with 2+ years of experience in full-stack development, automated testing, and quality assurance. Proficient in JavaScript, TypeScript, React, Next.js, Node.js, PostgreSQL, Python, Playwright, and CI/CD pipelines. Skilled in end-to-end testing, test automation, database design, and deploying scalable solutions on AWS.

PROFESSIONAL EXPERIENCE

Mid-Level Software Engineer

Feb 2026 – Present

Nexus Labz, Contract · Brazil · Remote

- Architected and delivered a production-grade mobile application using React Native, defining the software architecture across both mobile and backend layers (Node.js + Supabase).
- Integrated payment processing, implemented offline support with a caching layer, and designed JWT-based authentication with Google OAuth, ensuring secure API communication over HTTPS/TLS.
- Designed and configured Linux-based VPS infrastructure, including Nginx reverse proxy setup, SSL/TLS configuration with Let's Encrypt, user and permission management, and server security hardening.
- Built and maintained CI/CD pipelines using GitHub Actions to automate build and continuous deployment of backend services to production environments.
- Provided technical leadership to a junior developer through code reviews, architectural guidance, and enforcement of engineering best practices.

SDET Jr

Oct 2025 – Feb 2026

Voidr, Paraná, Brazil · Remote

- Reduced client platform testing time from 6 hours to 12 minutes, achieving 97% time reduction and significantly improving testing efficiency and delivery speed.
- Develop proof-of-concept tests and initial automation suites (smoke/critical path) using JavaScript, Playwright, and CI/CD pipelines.
- Implement, maintain, and debug automated E2E tests with focus on stability, repeatability, and scalability for AI-powered automation platform.
- Validate client platforms through end-to-end automated testing, ensuring reliability, stability, and product quality using Playwright and internal frameworks.
- Define automation scope and strategy based on functional requirements and system analysis, translating real user flows into robust automated test suites.
- Perform technical discovery to understand client architecture, critical flows, risks, and API interactions for comprehensive test coverage.
- Enable reliable automation for clients by bridging technical understanding with customer needs, accelerating platform adoption and reducing manual testing workload.

Full Stack Developer

Feb 2025 – Aug 2025

Universidade Tecnológica Federal do Paraná, Cornélio Procopio, BR

- Supported 10+ workshops and served 300+ active weekly users, delivering reliable and scalable solution for students and faculty.
- Designed and developed full-stack web application for managing academic workshops and monitoring student attendance using Vue.js, Express.js, and SQLite.

- Built scalable RESTful API backend with Express.js and Node.js, integrated with SQLite database for efficient data storage and retrieval.
- Implemented core features including event creation, participant registration, real-time check-ins, and automated certificate generation.

Backend Developer (Freelance)

Aug 2024 – Nov 2024

Readfy, Remote

- Delivered production-ready solution in remote environment, collaborating with stakeholders to refine requirements and test features.
- Designed and implemented PostgreSQL relational database for desktop bookstore management system using Java and JDBC.
- Modeled and created normalized database schemas for managing inventory, user accounts, sales, and transactions with data integrity constraints.
- Integrated backend using JDBC (Java Database Connectivity), enabling seamless communication between UI and database layer.
- Developed efficient SQL queries and optimized database performance, ensuring consistent data accuracy and system reliability.

EDUCATION

Bachelor of Engineering in Software Engineering

2025 · UTFPR - Universidade Tecnológica Federal do Paraná

TECHNICAL SKILLS

- **AI & Automation:** RAG, LLMs, AI-powered testing platforms, ML fundamentals, Prompt Engineering
- **Programming Languages:** JavaScript, TypeScript, Python, Java, C, SQL
- **Frontend:** Vue.js, React, Next.js
- **Backend:** Node.js, TypeScript, Express.js, RESTful APIs
- **Databases:** PostgreSQL, DynamoDB, SQLite, MySQL, Database Design, Schema Normalization
- **Testing:** Playwright, Jest, Selenium, End-to-End Testing, Automated Testing, Test Automation
- **DevOps & Tools:** CI/CD, Git, AWS, GitHub Actions, Requirements Analysis

CERTIFICATIONS

- AWS Certified Cloud Practitioner, Amazon Web Services (2024)
- CompTIA Security+, CompTIA (2024)

LANGUAGES

- Portuguese - Native
- English - Fluent